PRODUCTION OPERATIONS

PINC NO.	PINC	Authority	Enforcement Action
	GENERAL		
P-100	Are the pressure-recorder charts used to determine the current operating pressure ranges maintained at the lessee's nearest OCS field office?	123(b)(1)(iii) 123(b)(2)(i)	W
P-101	Do all safety shutdown devices, valves, and pressure sensors function in a manual reset mode?	123(b)(3)	C
P-103	Is each surface or subsurface safety device, which is bypassed or blocked out of service, out of service due to start-up, testing, or maintenance and is it flagged and monitored by personnel?	123(c)(1) 154(c)	W/C
P-105	Is each open-ended line connected to producing facilities and wells plugged or blind-flanged?	123(c)(4)	W/C
P-106	Is each person operating the facility, or engaged in installing, inspecting, testing, and maintaining safety devices qualified, and is a record of this qualification maintained in the field area?	125 214(c)(1)	W/C
	FIRE WATER SYSTEM		
P-130	Is an operable firewater system consisting of rigid pipe with fire-hose stations or fixed firewater monitors installed or is an operable chemical system approved by the District Supervisor installed to provide protection in all areas where production-handling equipment is located?	123(b)(8)(i)	S
P-131	Is a fixed waterspray system installed in enclosed well-bay areas where hydrocarbon vapors may accumulate?	123(b)(8)(i)	S
P-132	Is fuel or power for firewater pump drivers available for at least 30 minutes of run time during a platform shut-in?	123(b)(8)(ii)	S
P-133	Is a diagram of the firefighting system showing the location of all firefighting equipment posted in a prominent place on the facility?	123(b)(8)(iv)	W

GAS-DETECTION SYSTEM

P-150	Are continuously monitoring gas-detection systems installed in all inadequately ventilated, enclosed classified areas and signal an alarm at no greater than 25% LEL and initiate a shut-in sequence (manual-reset type) when levels reach no more than 60% LEL?	123(b)(9)	W/C
P-153	Is a fuel-gas odorant or an automatic gas-detection and alarm system installed in enclosed, continuously manned areas of the facility which are provided with fuel gas?	123(b)(9)(iii)	W/C
P-154	Is each gas-detection system installed in accordance with API RP 14C, API RP 14G, and API RP 14F?	123(b)(9)(v)	C
P-155	Is each combustible gas-detection system tested for operation and recalibrated at least once every 3 months?	124(a)(8)	W/C

FIRE-DETECTION SYSTEM

P-170	Are continuous monitoring systems with the manual reset type fire (flame, heat, or smoke) sensors installed in all enclosed classified areas?	123(b)(9)	W/C
P-173	Is each fire-detection system installed in accordance with API RP 14C, API RP 14G, and API RP 14F?	123(b)(9)(v)	C
P-175	Do the fire loop system and other fire detection devices initiate surface and subsurface shut-in?	121(i) 122(b) 123(b)(4)(ii)	S
P-176	Is each fire-detection system tested for operation and recalibrated at least once every 3 months?	124(a)(8)	W/C
P-177	Are open flame or devices operating at temperatures which could ignite a methane-air mixture not used for testing?	124(a)(8)	C

FUSIBLE MATERIAL

	Are TSE's located where specified by Table C1 of API RP 14C for:	122(b)	
P-200	Wellheads?		C
P-201	Headers?		C

P-202	Pressure vessels?		C
P-203	Atmospheric vessels?		C
P-204	Fired vessels and exhaust heated components?		C
P-205	Heat exchangers?		C
P-206	Pumps?	154(b)(9)	C
P-207	Compressors?		C
P-208	Engines?		C

ESD SYSTEM

	Is an operable ESD station located:	123(b)(4)	
P-231	At each helicopter deck?		S
P-232	At each exit stairway landing at each deck level?		S
P-233	At each boat landing?		S
P-234	At the center or each end of a bridge connecting two platforms?		S
P-235	At each emergency evacuation station?		S
P-236	Near the driller's console during drilling, workover, and completion operations?	51(h) 73 93 123(b)(4)	S
P-237	Near the main exits of living quarters?		S
P-238	Is a schematic of the ESD system maintained on the facility or at the lessee's nearest OCS field office?	123(b)(4)(iii)	W
P-239	Is the ESD system equipped with manually operated, quick-opening, and nonrestricted valves?	123(b)(4)(i)	S
P-240	Does the SSV close within 45 seconds after automatic detection of an abnormal condition or actuation of an ESD?	123(b)(4)(ii)	C
P-241	Does the SCSSV close within 2 minutes after the ESD shut-in signal has closed the SSV?	123(b)(4)(ii) 121(i)	C

Is each ESD system:

P-242	Tested for operation at least once each month, but at no time shall more than 6 weeks elapse between tests and repaired or replaced if found defective?	124(a)(10)	W/C
P-243	Test conducted by alternating ESD stations monthly to close at least one wellhead SSV and verify surface-controlled SSSV closure for that well as indicated by control circuitry actuation?	124(a)(10)	W/S

SUBSURFACE SAFETY DEVICES

P-260	Are all tubing installations open to a hydrocarbon-bearing zone which is capable of natural flow equipped with a SSSV?	121(c)	C
P-261	Are new completions (perforated, but not placed on production) and completions shut-in for a period of more than 6 months equipped with either (1) a pump-through-type tubing plug; (2) a surface-controlled SSSV with the surface control rendered inoperative; or (3) an injection valve capable of preventing backflow?	121(f)	W
P-262	Is a surface-controlled SSSV or an injection valve capable of preventing backflow installed in each injection well?	121(g)	C
P-263	Is a subsurface safety device installed at a depth of 100 feet or more below the seafloor within 2 days after production is established?	121(e)(1)	W/C
P-264	If the SSSV is removed and the zone is open to flow, is flowing necessary for the operation being conducted?	121(e)(3)	W/C
P-265	Is a trained person in the immediate vicinity of the well if the master valve is open and the subsurface safety device is not installed?	121(e)(2) 121(h)(2) 121(h)(3)	C
P-267	Are all tubing installations in which a wireline- or pumpdown-retrievable subsurface safety device is installed equipped with a landing nipple with flow couplings or other protective equipment above and below to provide for the setting of the SSSV?	121(i)	C
P-268	Does each surface-controlled and subsurface-controlled SSSV and safety valve lock and landing nipple conform to the certification requirements in § 250.126?	126(b)(1)	C

	When the subsurface safety device has been removed:		
P-269	For 15 days or more, has MMS approval been given?	121(h)(1)	W/C
P-270	Is the well identified by a sign on the wellhead stating that the subsurface safety device has been removed?	121(h)(2)	C
P-271	For routine operations on a satellite structure, is the well attended?	121(h)(3)	C
	SUBSURFACE SAFETY DEVICE TESTING		
P-280	Is each SCSSV installed in a well tested when installed or reinstalled and at intervals not exceeding 6 months and removed, repaired and reinstalled, or replaced, if it does not operate properly?	124(a)(1)(i)	W/C
	Is each SSCSV installed in a well:	124(a)(1)(ii)	
P-281	Removed, inspected, and repaired or adjusted, and reinstalled or replaced as necessary at intervals not exceeding 6 months for those valves not installed in a landing nipple and 12 months for those valves installed in a landing nipple?		W/C
P-283	Is each tubing plug installed in a well inspected for leakage at intervals not exceeding 6 months and removed, repaired and reinstalled, or replaced, if it leaks?	124(a)(1)(iii)	W
P-284	Is each injection valve installed in a well inspected for leakage at intervals not exceeding 6 months and removed, repaired and reinstalled, or replaced, if it leaks?	124(a)(1)(iv)	W
	SURFACE SAFETY DEVICE TESTING		
P-300	Is each pump for a firewater system tested for operation at least once each week and repaired or replaced if found defective?	124(a)(7)	W/S
	Is each of the following devices tested for operation at least once each month, with no more than 6 weeks elapsing between tests, and repaired or replaced if found defective:	124(a)(3)	
P-301	PSH?		W/C
P-302	PSL?		W/C

P-303	LSH?		W/C
P-304	LSL?		W/C
P-305	Is each automatic inlet SDV and each liquid discharge SDV once each month, with no more than 6 weeks elapsing between tests, and repaired or replaced if found defective?	124(a)(4)	W/C
P-307	Is each SSV/USV tested for operation at least once each month, with no more than 6 weeks elapsing between tests, and repaired or replaced if found defective?	124(a)(4)	W/C
P-308	Is each flowline FSV tested for operation at least once each month, with no more than 6 weeks elapsing between tests, and repaired or replaced if found defective?	124(a)(5)	W/C
P-309	Is each TSH on compressor installations tested for operation at least once every 6 months and repaired or replaced if found defective?	124(a)(6)	W/C
	Is each of the following devices tested for operation at least once every 12 months and repaired or replaced if found defective:		
P-310	TSH on noncompressor installations?	124(a)(9)	W/C
P-311	BSL?	124(a)(9)	W/C
P-312	FSL?	124(a)(9)	W/C
P-313	PSV?	124(a)(2)	W/C
	RECORDS		
P-320	Does the lessee maintain records for a period of 2 years at the lessee's nearest OCS field office for each subsurface and surface safety device installed?	124(b)	W
P-321	Does the lessee maintain records for the life of the platform of the results of platform structural inspections?	144	W
	NON-PIPELINE PUMPS		
	Is each nonpipeline pump equipped with an operable:	122(b)	
P-340	PSH?		C
P-341	PSL?		C

P-343	FSV?		C
P-344	Is each glycol powered glycol pump equipped with a SDV?	122(b)	C
	GAS LIFT AND INJECTION LINES		
	Is each wellhead injection line and gas lift line equipped with a:	122(b)	
P-361	PSH?		C
P-362	PSL?		C
P-364	FSV?	154(b)(7)	C
	HEADERS		
	Is each header equipped with a:	122(b)	
P-380	PSH?		C
P-381	PSL?		C
	WELLHEAD AND FLOWLINES		
P-402	Is the PSH on each flowline segment set no higher than 15 percent or 5 psi, whichever is greater, above the highest pressure in the operating range and below the SITP or gas-lift supply pressure?	123(b)(2)(i)	C
P-404	Is the PSL on each flowline segment set no lower than 15 percent or 5 psi, whichever is greater, below the lowest pressure in the operating range?	123(b)(2)(i)	C
P-405	If the maximum allowable WP of the flowline is less than the SITP, is a PSV, or additional SSV activated by an independent PSH, installed?	123(b)(2)(ii)	C
P-406	Is an operable FSV installed in the final flowline segment?	122(b)	C
P-407	Does the wellhead, tree, and related equipment have a pressure rating greater than the SITP?	87(d) 107(d)	C
P-408	Does each wellhead SSV or USV and its actuator conform to the certification requirements in § 250.126?	126(b)(1)	C
P-410	Has the wellhead been equipped so that all annuli can be monitored for sustained pressure?	87(c) 107(c)	W
P-411	If sustained casing pressure is observed, has the lessee notified the District Supervisor?	87(c) 107(c)	W

P-412	Is each wellhead completion equipped with an operable SSV or USV located above the master valve in the vertical run of the tree?	87(d) 87(e) 107(d)	C
	PRESSURE VESSELS		
	Is each pressure vessel equipped with a:	122(b)	
P-422	Operable LSH?		C
P-423	Operable LSL (oil)?		C
P-424	Operable LSL (water)?		C
P-426	FSV (oil)?		C
P-427	FSV (water)?		C
P-428	FSV (gas)?		C
P-430	Are pressured and fired vessels code stamped in accordance with the ASME Boiler and Pressure Vessel Code?	123(b)(1)	C
P-431	Is the PSH on each pressure vessels set no higher than 15 percent or 5 psi, whichever is greater, above the highest pressure in the operating range and at least 5 percent or 5 psi, whichever is greater, below the PSV's activation pressure?	123(b)(1)(iii)	C
P-433	Is the PSL on each pressure vessel set no lower than 15 percent or 5 psi, whichever is greater, below the lowest pressure in the operating range?	123(b)(1)(iii)	C
	RELIEF VALVES		
P-451	Is each required PSV set no higher than the maximum-allowable working pressure?	123(b)(1)(i)	C
P-452	Is each PSV and vent piped in such a way as to prevent fluid from striking personnel or ignition sources?	123(b)(1)(i) 123(b)(6)	C
	ATMOSPHERIC VESSELS		
	Is each atmospheric vessel equipped with an operable:	122(b)	
P-470	LSH?		C
P-471	LSL (water)?		C
P-472	LSL (oil)?		C
P-474	PSV and a vent or 2 independent vents?		C

P-475	Flame arrester on vent(s)?		C

FIRED AND HEATED COMPONENTS

	Is each fired component equipped with a:	122(b)	
P-520	PSH?		C
P-521	SDV?		C
P-522	TSL or BSL in the fire chamber?		C
	Is each fired or exhaust heated component equipped with a:	122(b)	
P-524	TSH in the stack and in the medium or process fluid?		C
P-525	LSL in the medium or process fluid?		C
	Is each natural draft fired component equipped with a:	122(b**)**	
P-526	Intake flame arrester?		C
P-527	Stack arrester?		C
	Is each forced draft fired component equipped with an operable:	122(b)	
P-528	PSL in air intake?		C
P-529	PSL in fuel supply line?		C
P-530	Motor starter interlock?		C
	Is each direct fired tube-type component equipped with:	122(b)	
P-531	An operable FSL in the medium or process fluid when it is combustible?		C
P-532	A FSV in each medium outlet piping?		C
P-533	An operable PSV in each medium outlet piping?		C

STEAM GENERATORS

	Is each steam generator equipped with an operable:		
P-540	PSH or TSH?	122(b)	C

P-541	LSL?	123(b)(1)(ii)	C
P-542	Water-feeding device which will automatically control the water level if operating at more than 15 psig?	123(b)(1)(ii)	C

HEAT EXCHANGERS

	Is each heat exchanger (shell-tube) equipped with two:	122(b)	
P-550	PSHs		C
P-551	PSLs		C

COMPRESSORS

	Is each compressor suction and interstage scrubber equipped with an operable:	123(b)(7)(i)	
P-562	LSH?		C
P-563	LSL?		C
	Is each final stage discharge equipped with a:		
P-567	FSV outside of building?	122(b)	C
P-569	BDV if over 1,000 HP?	123(b)(7)(iv)	C
P-570	Is each compressor discharge cylinder protected by an operable TSH?	123(b)(7)(ii)	C
P-571	Do the automatic SDV's installed in compressor suction and fuel gas piping actuated by the PSH, PSL, and LSH installed on the compressor suction and interstage scrubbers allow each compressor unit and associated vessels to be isolated from all input sources?	123(b)(7)(iii)	C
P-572	Is each automatic SDV installed in compressor suction and fuel gas piping also actuated by the shutdown of the prime mover?	123(b)(7)(iii)	C
P-573	Is gas-well gas, affected by the closure of the automatic SDV on compressor suction, either diverted to the pipeline or shut-in at the wellhead?	123(b)(7)(iii)	C
P-574	Is the PSH on each compressor suction, interstage scrubber, and final stage discharge set no higher than 15 percent or 5 psi, whichever is greater, above the highest pressure in the operating range and at least 5 percent or 5 psi, whichever is greater, below the PSV's activation pressure?	123(b)(1)(iii)	C

P-576	Is the PSL on each compressor suction, interstage scrubber, and final stage discharge set no lower than 15 percent or 5 psi, whichever is greater, below the lowest pressure in the operating range?	123(b)(1)(iii)	C